

Please type a plus sign (+) inside the box

OCT 03 2000

PTO/SB/08A (10-96)

Approved for use through 10/31/99. OMB 0651-0031  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

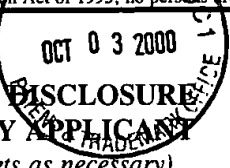
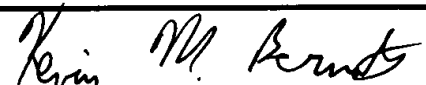
Substitute for form 1449A/PTO				Complete if Known				
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				Application Number	09/534,282			
				Filing Date	March 24, 2000			
				First Named Inventor	Gunsel et al.			
				Group Art Unit	1773			
				Examiner Name				
Sheet	1	of	2	Atty. Docket Number	42053.6USPT			
<b>U.S. PATENT DOCUMENTS</b>								
EXAMINER INITIAL*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear		
		Number	Kind Code <sup>2</sup> (if known)					
Has	AA	5,162,163		Ohta et al.	11/10/1992			
<b>FOREIGN PATENT DOCUMENTS</b>								
EXAMINER INITIAL*	Cite No. <sup>1</sup>	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>	
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
Has	AB	JP	58222441 A		Matsushita Elec.	12/24/1983	Abstract	
Has	AD	JP	10140169		Kyodo Yushi KK	5/26/1998	Abstract	
<b>OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS</b>								
Examiner Initials*	Cite No. <sup>1</sup>	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) Date, page(s), volume-issue number(s), publisher, city and/or country where published.						T <sup>3</sup>
Has	AE	Vasil'ev et al., Compounds with an Herbal Odor VI.* The E Isomers of the Structural Analogs of Leaf Alcohol, Russian J. of Org. Chem., Vol. 30, No. 6, pp. 870-875, 1994.						
	AF	Al-Qallaf et al., Metal (IV) phosphate catalysed retro-Prins reaction involving an oxetane intermediate, J. Chem. Soc., Perkin Trans. 2, pp. 1421-1423, 1999.						
	AG	Bartlett et al., Nucleophilic Reactivity of the Carbon-Carbon Double Bond. II. Solvolytic Ring Closure of 2-(3-Methyl- and 3,4 dimethyl -Δ <sup>3</sup> -cyclopentenyl)ethyl p-Nitrobenzenesulfonates, J. of Am. Chem. Soc., Vol. 87, No. 6, pp. 1297-1307, 1965.						
	AH	Vasil'ev et al., Compounds with a Herbal Odor II.* CIS-1-(2-Hydroxyethyl)-2-Ethylcycloalkanes and Their Analogs, J. of Org. Chem. of U.S.S.R., Vol. 27, No. 2, pp. 273-278, 1991.						
	AI	Suzuki et al., Vinylic Organoboranes. 1. A Convenient Synthesis of Acetylenes via the Reaction of Lithium (1-Alkynyl) organoborates with Iodine, J. Org. Chem., Vol. 51, No. 24, pp. 4507-4511, 1986.						
	AJ	Aldridge et al., Metabolites of Lasiodiplodia theobromae, J. Chem. Soc, Sect. C: Organic Chem., pp. 1623-1627, 1971.						
	AK	Boatto et al., Amides and Formamidines with Antinociceptive Activity, Farmaco, Vol. 48, No. 9, pp. 1279-1289, 1993.						
	AL	Aldrich Catalogue Nederland, Cyclopentene, pg. 377, 1992.						
	AM	Merck Index 11 <sup>th</sup> Ed., Cyclopentadiene and Cyclopentane, pg. 2741, 1989.						
Has	AN	Shawe et al., Iterative Reductive Alkylation Approach to Alkaloids: A Synthesis of (±)-Monomarine I and Its C-3 Epimer, J. Org. Chem., Vol. 59, pp. 5841-5842, 1994.						
Examiner Signature		Herin M. Bernick			Date Considered	3/2/01		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO) Standard St.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)		Application Number		09/534,282	
		Filing Date		March 24, 2000	
		First Named Inventor		Gunsel et al.	
		Group Art Unit		1773	
		Examiner Name			
Sheet 2 of 2		Atty. Docket Number		42053.6USPT	
<b>U.S. PATENT DOCUMENTS</b>					
EXAMINER INITIAL*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code <sup>2</sup> (if known)		Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	BA				
<b>FOREIGN PATENT DOCUMENTS</b>					
EXAMINER INITIAL*	Cite No. <sup>1</sup>	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	BB				
<b>OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS</b>					
Examiner Initials*	Cite No. <sup>1</sup>	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) Date, page(s), volume-issue number(s), publisher, city and/or country where published.			
	BC	Hutchins et al., Stereoselective Reductions of Substituted Cyclohexyl and Cyclopentyl Carbon-Nitrogen $\pi$ Systems with Hydride Reagents, <i>J. Org. Chem.</i> , Vol. 48, No. 20, pp. 3412-3422, 1983.			
	BD	Ayerst et al., cis- and trans-3: 4-cyclo Pentanopiperidine, <i>J. Chem. Soc.</i> , pp. 4097-4104, 1958.			
	BE	Masse et al., Lewis Acid-Mediated Carbocyclization Reactions of Chiral (E)-Crotylsilanes, <i>J. Org. Chem.</i> , Vol. 62, No. 26, pp. 9335-9338, 1997.			
	BF	Fraenkel et al., Structure and Dynamic Behavior of Crowded Cis Vicinal [(N,N-Dimethylamino)cyclopentyl] trimethylammonium Salts and Related Compounds, <i>J. Am. Chem. Soc.</i> , Vol. 118, No. 50, pp. 12804-12811, 1996.			
	BG	Snowden et al., Dienamines as Diels-Alder Dienes. An Efficient Cyclohexannulation Sequence, <i>Tetrahedron Letters</i> , Vol. 27 No. 6, pp. 699-702, 1986.			
	BH	Suemune et al., Conversion of Limonene to Prostanic Acid and 8-Isoprostanic Acid, <i>Chem. Pharm. Bull.</i> , Vol. 34, No. 2, pp. 550-557, 1986.			
	BI	Gustavsson et al., Enantiomers of Cis- and Trans-3-(4-propyl-cyclopent-2-enyl) Propyl Acetate. A Study on the Bioactive Conformation and Chiral Recognition of a Moth Sex Pheromone Component, <i>Bioorg. Med. Chem.</i> , Vol. 5, No. 12, pp. 2173-2183, 1997.			
	BJ	Fujisawa et al., The Regiospecific Synthesis of Vicinally Dialkylated Cyclopentadienes and Its Application to a Synthesis of Allethrolone, <i>Chem. Letters.</i> , No. 9, pp. 943-946, 1976.			
	BK	Kramp et al., Synthesis of Enantiomerically Pure ent-Multifidene and Related Compounds, <i>J. Chem. Soc. Chem. Comm.</i> , No. 6, pp. 551-552, 1993.			
	BL	Search Report, September 8, 2000.			
Examiner Signature				Date Considered	7/2/01

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO) Standard St.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>		Application Number	09/534,282
		Filing Date	March 24, 2000
		First Named Inventor	Gunsel et al.
		Group Art Unit	1773
		Examiner Name	
Sheet 2	of 2	Atty. Docket Number	42053.6USPT

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
	BA	5,012,023		Venier et al.	04/30/1991	
	BB	4,929,782		Venier et al.	05/29/1990	
	BC	5,144,095		Venier et al.	09/01/1992	
	BD	5,677,051		Ueda et al.	10/14/1997	
	BE	5,776,602		Ueda et al.	07/07/1998	

FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T*
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	BF							
	BG							
	BH							
	BI							

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. <sup>1</sup>	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) Date, page(s), volume-issue number(s), publisher, city and/or country where published.
	BJ	C.G. Venier et al., Tris(2-Octyldodecyl)Cyclopentane, a Low Volatility, Wide Liquid-Range, Hydrocarbon Fluid, Unknown Publication, pp. 13.1-1-13.1-12.
	BK	E.W. Casserly et al., Tribologically Relevant Properties of Multiply-Alkylated Cyclopentanes. The Design of a Hydrocarbon Molecule for Aerospace Applications, Symposium on Chem. Lub. and Lubrication, American Chem. Society, Boston, Vol. 35, No. 2, pp. 265-271, April 22-27, 1990.
	BL	G.G. Venier et al., Multiply-Alkylated Cyclopentanes (MACs): A New Class of Synthesized Hydrocarbon Fluids, Lubrication Engineering, Vol. 47, No. 7, pp. 586-591, 1991.
	BM	G.G. Venier et al., Preparation of a New Class of Synthetic Lubricants, Multiply-Alkylated Cyclopentanes (MACs), Symposium on Chem. Lub. and Lubricants, American Chem. Society, Boston, Vol. 35, No. 2, pp. 260-264, April 22-27, 1990.

Examiner Signature	<i>Kerry M. Beant</i>	Date Considered	3/2/01
-----------------------	-----------------------	--------------------	--------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO) Standard St.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231

Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)		Application Number	09/534,282
		Filing Date	March 24, 2000
		First Named Inventor	Gunsel et al.
		Group Art Unit	1773
		Examiner Name	
Sheet 1 of 2	Atty. Docket Number	42053.6USPT	

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
Handwritten	AA	5,821,027		Landry-Coltrain et al.	10/13/1998	
	AB	5,026,577		Biresaw et al.	06/25/1991	
	AC	4,721,823		Venier et al.	01/26/1988	
	AD	5,012,022		Venier et al.	04/30/1991	
Handwritten	AE	4,849,566		Venier et al.	07/18/1989	

FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T <sup>4</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
Handwritten	AF	EP	0613887A1		Shell Internationale	09/07/1994		
	AG	EP	0613886A1		Shell Internationale	09/07/1994		
Handwritten	AH	WO	98/07145		Seagate Tech. Inc.	02/19/1998		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. <sup>1</sup>	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) Date, page(s), volume-issue number(s), publisher, city and/or country where published.
Handwritten	AI	A.J. Gellman, Lubricants and overcoats for magnetic storage media, Colloid & Interface Science, Vol. 3, pp. 368-372, 1999.
	AJ	C.M. Mare, Picking the best lube for contact recording, Data Storage, pp 45-49, July/August 1997.
	AK	M. Yang et al., Cyclotriphosphazenes as Potential Lubricants for Thin Film Hard Disks, Tribology Transactions, Vol. 28, No. 3, pp. 636-664, 1995.
	AL	S. Mori et al., Tribochemical Reactions at the Head-Disk Interface on Magnetic Recording Media, Proceedings of ASIA TRIB, pp. 300-303, October 12-15, 1998.
	AM	Q. Zhao et al., Tribological Study of Phosphazene-Type Additives in Perfluoropolyether Lubricant for Hard Disk Applications, STLE Preprint, No. 98-TC-4C-1, pp. 1-6, 1998.
Handwritten	AN	F.E. Talke, On tribological problems in magnetic disk recording technology, Wear, Vol. 190, pp. 232-238, 1995.

Examiner Signature	Handwritten Signature	Date Considered	3/2/01
-----------------------	-----------------------	--------------------	--------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO) Standard St.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231